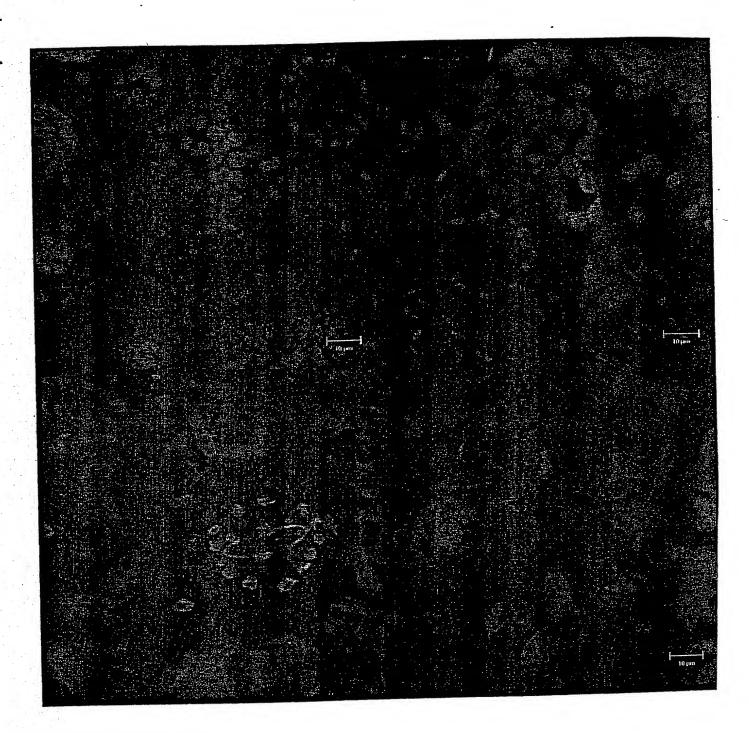
Figure 1

MASLRLFSTN	HQSLLLPSSL	SQKTLISSPR	FVNNPSRRSP	IRSVLQFNRK	PELAGETPRI	60
				MVFSTGNGNG	DDNSKGLERV	20
					MNRI	4
				• • • • • • • • • • • • • • • • • • • •	MARI	4
¥						
VVITSGKGGV	GKTTTTANVG	LSLARYGFSV	VAIDADLGLR	NLDLLLGLEN	RVNYTCVEVI	120
IVITSGKGGV	GKTTTTANLG	MSIARLGYRV	ALIDADIGLR	NLDLLLGLEN	RVLYTAMDIV	80
IVVTSGKGGV	GKTTTTANLG	AALARLGKKV	VLIDADFGLR	NLDLLLGLEQ	RIVYTAIDVL	64
IVVTSGKGGV	GKTTSSAAIA	TGLAQKGKKT	VVIDFDIGLR	NLDLIMGERR	RVVYDFVNVI	64
****	***	•				
NGDCRIDQAL	VRDKRWSNFE	LLCISKPRSK	LPMGFGGKAL.	EWLVDALKRT	PEFSPDFIII	180
EGQCRIDQAL	IRDKRWKNLA	LLAISKNRQK	YNVTTKNM	QNLIDSVK	.elgfqfvli	135
EDECTIDQAL	VKDKRLPNLV	LLPAAQNRSK	DAINAEQMSQ	LVEQLK	DKFDYIII	118
QGDATLNQAL	IKDKRTENLY	ILPASQTRDK	DADLTREGVA	.KVLDDLK	.AMDFEFIVC	120
1×-			•			
	•					
DCPAGIDAFG	ITAITPANEA	VLVTTPDITA	LRDADRVTGL	LECDGIRDIK		232
DCPAGIDVGF	Inaiasaqea	VIVTTPEITA	IRDADRVAGL	LEANGIYNVK		187
DCPAGIEAGF	RNAVAPAQEA	IIVTTPEMSA	VRDADRVIGL	LEAEDIGKIS		168
DSPAGIETGF	ALMALYFADE	AIITTPEVSS	VRDSDRILGI	LASKSRRAEN	GEEPIKEH	178
vs		•	·			
***	•					
MIVNRVRTDM	IKGEDMMSVL	DVQEMLGLSL	LGVIPEDSEV	IRSTNRGFPL	VLNKPPTLAG	292
LLVNRVRPDM	IQKNDMMSVR	DVQEMLGIPL	LGAIPEDTSV	IISTNKGEPL	VLNKKLTLSG	247
LIVNRLRPEM	VQLNQMISVE	DILDLLAVPL	IGILPDDQKI	IISTNKGEPL	VMEEKLSVPG	228
LLLTRYNPGR	VSRGDMLSME	DVLEILTIKL	VGVIPEDQSV	LRASNQGEPV	ILDINA.DAG	237
		•				
*			-			
LAFEQAAWRL	.VEQDSMKAV	MVEEEPKKRG	.ff.sffgg		dopsis	
IAFENAARRL	IGKQDYFIDL	TSPQKGMFQK	.LQE.FFLGEE			
LAFQNIARRL	EG.QDIPFLD	FMAAHNTLLN	RIRRRLLGG	Synne	chocystis	266
KAYADTVERL	LGEERPFR	FIEEE.KK.G	.FLKRLFGG	E. cc	li	271
1 1						

Figure 2



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Figure 3

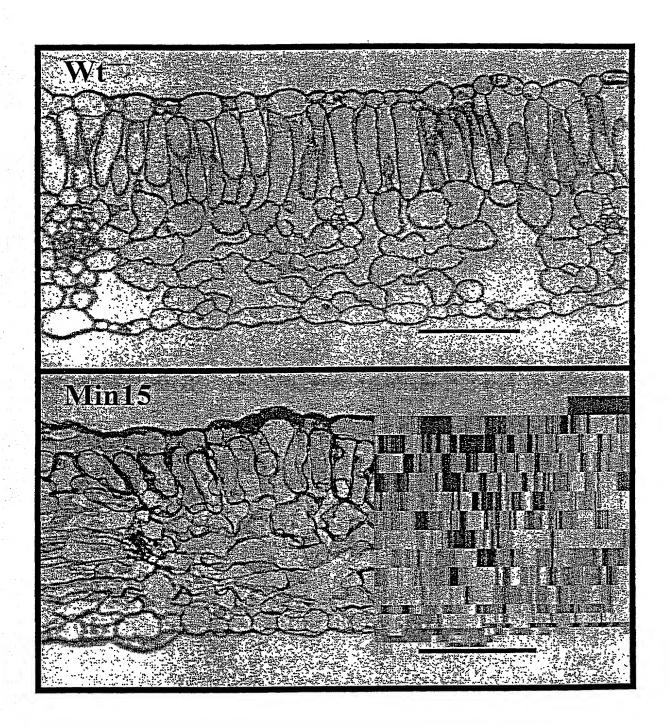
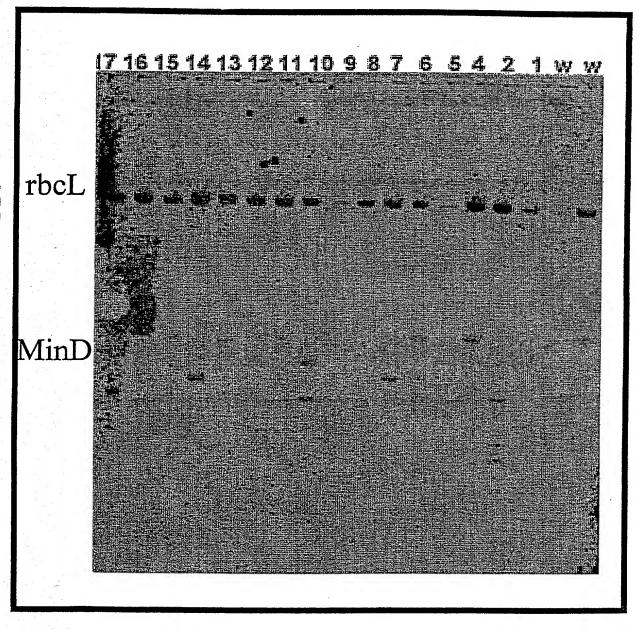


Figure 4





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	Chlorophy	Il Content	Fluorescence Measurements			
Line	Total Chl (ug/mg)	Chla/b (ratio)	Fo (relative units)	Fm (relative units)	Fv/Fm (relative units)	
WT	1.99	3.11	137.4±12.0	616.6±34.0	0.777±0.015	
AtMin4	1.71	2.64	135.7±11.8	636.2±27.1	0.787±0.013	
AtMin5	1.58	3.01	136.5±17.1	534.9±66.1	0.757±0.020	
AtMin 8	1.46	3.07	128.5±32.3	489.9±78.6	0.741±0.037	
AtMin 9	1.66	3.00	125.5±19.9	520,5±58,3	0.759±0.018	
AtMin 10	1.53	2.95	136,5±11,3	543.1±14.3	0.748±0.025	
AtMin 17	1.44	2.71	139.5±20.6	564.9±32.7	0.756±0.032	
wr ·	1.69	3.08	105.6±14.9	441.9±58.5	0.760±0.016	
AtMin 1	1.74	2.80	126.4±08.6	436.7±27.2	0.714±0.035	
AtMin 12	1.60	3.11	123.4±16.6	455.3±84.4	0.724±0.040	
AtMin 13	1.91	3.28	115.9±17.9	441.5±64.5	0.737±0.011	
AtMin 14	1.59	3.07	113.6±17.2	444.1±58.2	0.743±0.017	
AtMin 15	1.59	2.94	119.1±19.5	433.0±45.9	0.724±0.037	
AtMin 16	1.71	2.89	122.1±10.7	447.7±41.0	0.725±0.019	

The measurements were taken over two days, and due to variation in the F_0 and F_M measurements these were kept separate. Fluorescence measurements are averaged from eight samples.

Figure 8

1:21		•		
Syne	1	•	đ)
Guill	- 7	•	ð	-
Écoli	ī		ă	ì
Pseudo	1	•	ถึ	ŀ
Neiss	3		ย	ŀ
Chlorel	7	Matlloogtfaphrswsgrkgtrrvskftldrlhvrssskagagpú	ien 4	B
AtMins	î	MAMSSGTLRISATIVSPYHHHHBNRLSLPS SSSKTYDFTGFISNGVNSLETQKCTPGLAISBENTRGQVXVLARUT		7
A Proposition	**	Total bandar markets and a construction to the control of the cont	-	•
Syne	1	MILETIEREFERSGINSCEDARE ENVERNCESCLSPEMMEENRR	ংক্তৰী ধ	18
Guill	· •	MITTEREPREFISHEGSREDWERE RIVERHICESTL-MASTLERME		7
Ecoli	- T	MARIDIPLSRK ENTANIAR PLOETY SEPERSD-AEPHYLPOERS		6
Pseudo	- 1	MSELDTERSRKSCMSASIATER OLIVARIESCOR-AOPDYLPOTOK		7
Neiss	- 3	MSBIELBFGRKCKTATVANCE CETTACEACESCTPDYLPTERK		7
Chlorel	49	AHLAHLRNAGHPVPEAPGLQGFVAKLKAANQIBFFEKPPV-LTPKDEGNERIRMENACECGITPDSLTCBRE		22
AtMinE	80	YELSPSPAEQEIESFLYNAINMGFFDRLNLAWEIGFPSHASPRSSNARLAKCH FMILESCECDVSDEAKEKTVN		54
	~ .	The state of the s	3000	
Syne	49	vennsky de vertagen i de verta	97	
Guill	48		88	
Ecoli	47		88	
Pseudo	43		84	
Neiss	48,		87	
Chlorel	123	CANSAL POTETEE TEVNLSTDPELETTY SHAPPERVKSBRIGGVDTSEDGKI IVKWOPEDPHSDPSDQPPFGV	198	
AtHins	157		229	

Figure 9

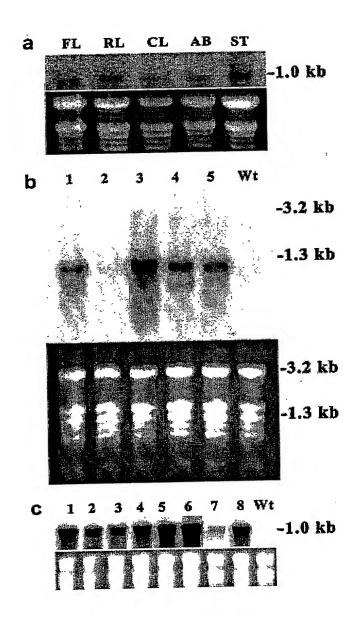


Figure 10

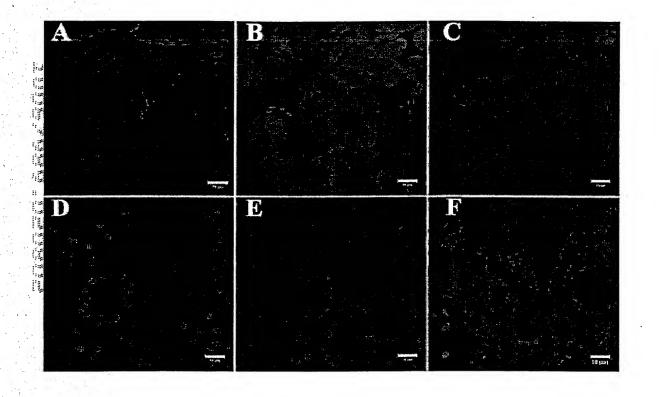


Figure 11

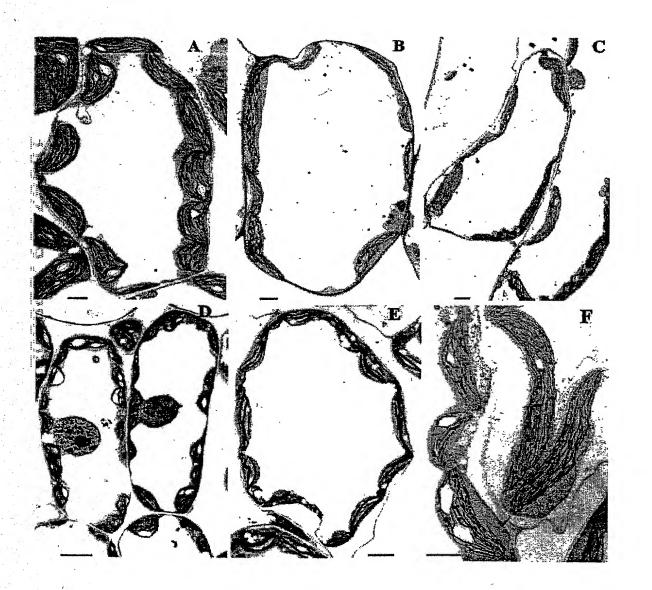


Figure 12

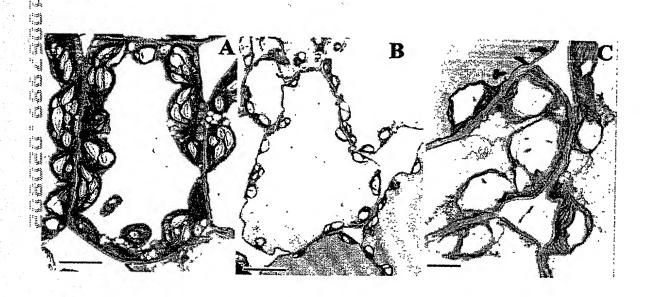


Figure 13

